

Title (en)

METAL CONDUCTIVE ASSEMBLY AND TERMINAL BLOCK FOR CLAMPING ELECTRIC CONDUCTOR

Title (de)

LEITENDE METALLANORDNUNG UND ANSCHLUSSBLOCK ZUM KLEMMEN EINES ELEKTRISCHEN LEITERS

Title (fr)

ENSEMBLE CONDUCTEUR MÉTALLIQUE ET BLOC DE BORNE POUR SERRER UN CONDUCTEUR ÉLECTRIQUE

Publication

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Application

EP 22213144 A 20221213

Priority

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Abstract (en)

The present invention provides a conductive assembly for securing one or more wire conductors comprising a clamping member (1) and a busbar (2), two sides of the clamping member (1) being respectively provided with a first clamping end portion (11) and a second clamping end portion (12), both inclining towards an inner side of the clamping member (1) and a side of the busbar (2), both free ends of the first clamping end portion (11) and the second clamping end portion (12) being in contact with the busbar (2) and each forming an acute angle α , the clamping member (1) and the busbar (2) being detachably coupled to each other. A terminal block incorporating said conductive assembly is also disclosed.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XA] DE 102019117301 A1 20201231 - PHOENIX CONTACT GMBH & CO [DE]
- [XA] DE 202020107349 U1 20210118 - XIAMEN GHGM ELECTRIC CO LTD [CN]
- [XA] US 2014256170 A1 20140911 - CHENG LIANG-CHIH [TW]

Cited by

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